

FIG. 1

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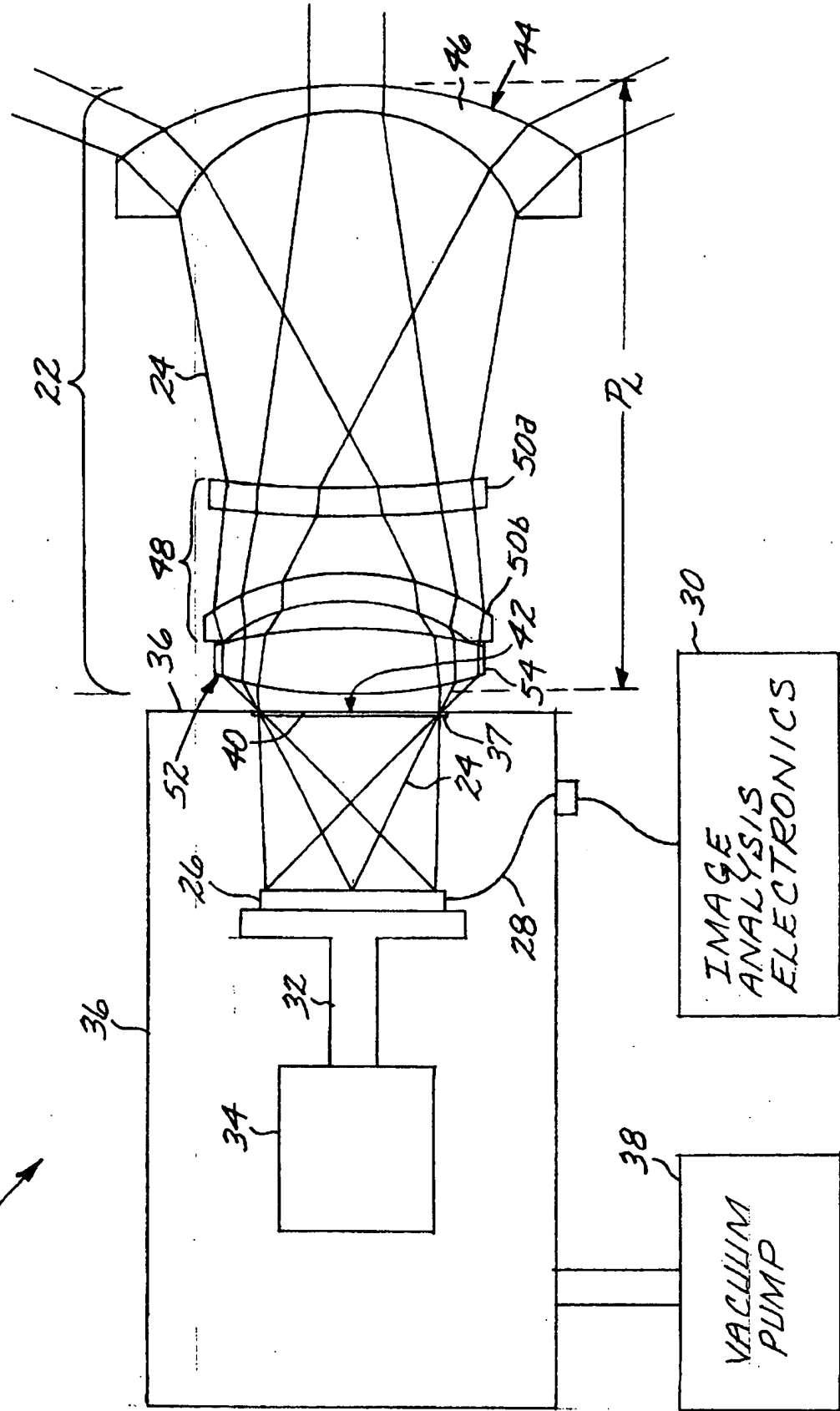


FIG. 2

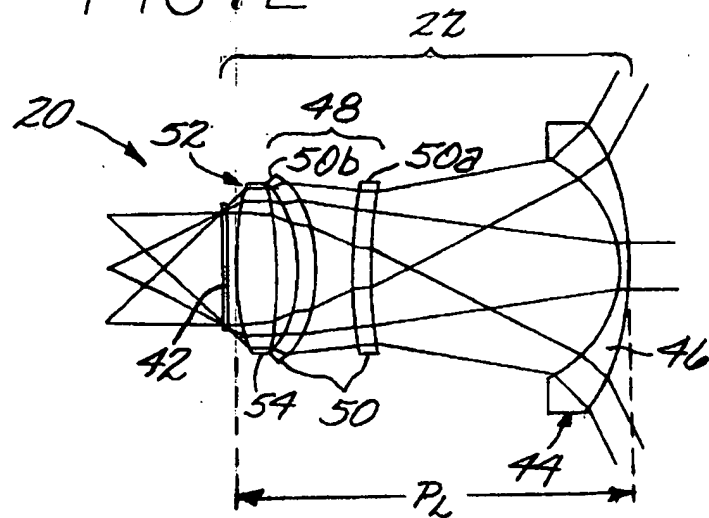


FIG. 3 PRIOR ART

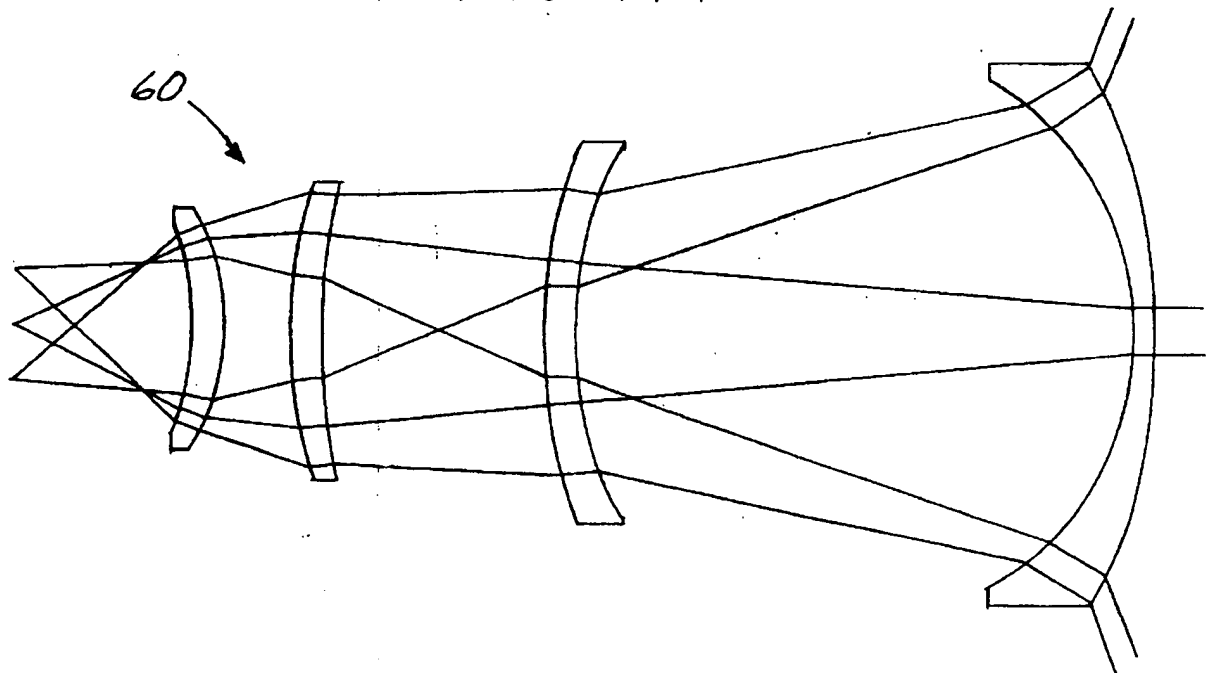


FIG. 4A

SURF NO.	DESCRIPTION	RADIUS	THICKNESS	MATERIAL	CC
1	IMAGE SURF	INF.	13.281	AIR	
2	STOP	INF.	0.195	AIR	
3	WINDOW	INF.	0.391	Si	
4		INF.	0.997	AIR	
5		30.241	4.500	AMTIR 1	-0.78978
6		-52.383	2.499	AIR	
7		-15.476	2.003	MgO	
8		-18.517	4.337	AIR	
9		102.515	2.139	Ge	
10		206.705	28.283	AIR	
11		14.399	1.499	ZnSe	0.118099
12		-31.192		AIR	

STOP DIAMETER IS 13.281
 IMAGE DIAMETER IS 12.565
 OPERATIONAL WAVELENGTH 3.5 TO 5.0 MICRONS

FIG. 4B

SURF NO.	A	B	C	D	E	F
1						
2						
3						
4						
54 [5	-5.246X10 ⁻⁰⁶	1.337X10 ⁻⁰⁸	4.495X10 ⁻¹⁰	-3.764X10 ⁻¹²	-3.202X10 ⁻¹⁴	3.538X10 ⁻¹⁶
6						
50b [7	-1.647X10 ⁻⁰⁵	-8.867X10 ⁻⁰⁸	6.047X10 ⁻¹⁰	-4.273X10 ⁻¹²	-2.021X10 ⁻¹⁴	2.813X10 ⁻¹⁶
8						
50a [9	2.702X10 ⁻⁰⁵	-1.010X10 ⁻⁰⁸	1.919X10 ⁻⁰⁹	-1.564X10 ⁻¹²	-1.165X10 ⁻¹³	1.219X10 ⁻¹⁵
10						
46 [11	-3.192X10 ⁻⁰⁶	1.200X10 ⁻⁰⁷	-2.641X10 ⁻⁰⁹	3.632X10 ⁻¹¹	-2.406X10 ⁻¹³	6.446X10 ⁻¹⁶
12						

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